



Proposed Code Change
State Form 41186R

RETURN TO:
INDIANA DEPARTMENT OF HOMELAND SECURITY
CODE SERVICES SECTION
302 W. Washington Street Room W246
Indianapolis, IN 46204

FOR OFFICE USE ONLY

Received 5/8/09

Code 62.3.7-09

INSTRUCTIONS:

Only TYPED copy accepted.

(KEY- ~~Dashed line through material to be deleted~~, underline material to be added)

Use second sheet for any material requiring more space.

Code Title Indiana Residential Code		Edition 2005
Section number and title E3802.11		Page 473
Proponent David Kish	Title	
Address 210 Floyd Ct., West Lafayette, IN 47906		Phone (765) 491-4902
PROPOSED CODE CHANGE (Check One)		
<input type="checkbox"/> Change to read as follows <input type="checkbox"/> Add to read as follows <input checked="" type="checkbox"/> Delete and substitute as follows <input type="checkbox"/> Delete without substitution		
<p>Delete Section E3802.11. All 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed arc-fault circuit interrupter, combination-type, installed to provide protection of the branch circuit.</p> <p>Exception No.1: Where RMC, IMC, EMT or steel armored cable, Type AC, meeting the requirements of 250.118 using metal outlet and junction boxes is installed for the portion of the branch circuit between the branch-circuit overcurrent device and the first outlet, it shall be permitted to install a combination AFCI at the first outlet to provide protection for the remaining portion of the branch circuit.</p>		
REASON		
<p>Arc-Fault Circuit-Interrupters (AFCIs) are able to detect and prevent arcing faults. Data from the State Fire Marshall's office shows that in the four years from 2004 to 2007, 225 residential structure fires were attributed to electrical distribution. Total property loss from these fires was \$5,039,152, content loss was \$1,221,866; one civilian death, 12 civilian injuries and 1 firefighter injury were attributed to these fires.</p> <p>Estimated total cost to comply with all 2008 NEC provisions is less than \$250 for a 2100 square foot home; the homeowner ultimately pays this cost - approximately \$1.50 per month for a 30 year, mortgage at 6% interest.</p>		
REVIEW RECOMMENDATION		
Approve		
Disapprove		
Approve as amended		
Further Study		